

CLOSURE OF WASTE IMPOUNDMENT INSTRUCTION FOR USE OF SPECIFICATION 360

1. APPLICABILITY

Construction Specification 360 is applicable to the closure of all waste storage impoundments. This may include earthen waste storage ponds and lagoons, above and below ground steel structures and closed tanks, above and below ground concrete structures including covered reception pits regardless of the type of lining or structural components as long as the facility fits the definition of a waste storage impoundment. It applies to existing facilities originally installed with or without NRCS assistance.

2. ITEMS TO BE INCLUDED IN SECTION 10 AND/OR DRAWINGS

- a. Material requirements, including but not limited to:
 - (1) Concrete strength for pipe plugging.
 - (2) Warning signs, fences, ladders, ropes, bars, rails and other devices, as appropriate, to ensure the safety of humans and animals.
- b. Manure spreading requirements based on Waste Utilization, (633).
- c. Protection or removal of existing seepage control liner or biological seal.
- d. Protection or removal of foundation drainage system.
- e. Embankment breach requirements (dimension, elevation, sequence).
- f. Required storage depth for freeboard and 25 year 24 hour storm during removal of manure, sludge and manure laden soil.
- g. Excavation and fill limits.
- h. Borrow source(s).

- i. Special fill placement method, moisture control or compaction requirements.
- j. The extent of disassembling, demolishing or removal and disposal of structures.
- k. The extent of removal and disposal of concrete floor slabs, steel reinforcement and other support components.
- l. Requirements for pipe removal or plugging.
- m. Requirements for removal and disposal of appurtenances and structures such as push-off ramps, fences, equipments, access ramps and retaining walls.
- n. Special cleaning requirements if the impoundment is to be converted to fresh water use.
- o. Erosion and sediment control.
- p. Vegetative requirements.
- q. Reference to other practice specifications (342, 633).